

PATENT

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Sheet 1 of 4



In the Application of

SARAH B. NOONBERG and C. ANTHONY HUNT

Serial No. 08/324,001

Filed: October 13, 1994

Art Unit: 1807

Examiner: Unassigned

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U.S. PATENT DOCUMENTS

Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document <u>Number</u>	Date	Name	Class/Subclass	(If appropriate) <u>Filing Date</u>
1.	<u>AN</u>	5,316,930	05/31/94	Loesch-Fries et al.	435 / 172.3	

FOREIGN PATENT DOCUMENTS

Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document <u>Number</u>	Date	Country	Class/Subclass	(If appropriate) <u>Filing Date</u>

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. <u>Desig.</u>	Examiner's <u>Initials</u>	Document Description
2.	<u>AN</u>	Case et al., "The unusual stability of the IS10 anti-sense RNA is critical for its function and is determined by the structure of its stem-domain" <u>EMBO J.</u> (1989) 8:4297-4305.
3.	<u>AN</u>	Chrisey et al., "Antisense technology: Principles and prospects for therapeutic development" <u>BioPharm</u> (1991) pp. 36-42.
4.	<u>AN</u>	Cooney et al., "Site-specific oligonucleotide binding represses transcription of the human c-myc gene <i>in vitro</i> " <u>Science</u> (1988) 241:456-459.

Examiner:

Date Considered:

12/15/95

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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5. ✓ Das et al., "Upstream regulatory elements are necessary and sufficient for transcription of a U6 RNA gene by RNA polymerase III" EMBO J. (1988) 7:503-512.
6. ✓ Durland et al., "Binding of triple helix forming oligonucleotides to sites in gene promoters" Biochem. (1991) 30:9246-9255.
7. ✓ Duval-Valentin et al., "Specific inhibition of transcription by triple helix-forming oligonucleotides" Proc. Natl. Acad. USA (1992) 89:504-508.
8. ✓ Hannon et al., "Multiple *cis*-acting elements are required for RNA polymerase III transcription of the gene encoding H1 RNA, the RNA component of human RNase P" J. Biol. Chem. (1991) 266:22796-22799.
9. ✓ Hélène, "The anti-gene strategy: control of gene expression by triplex-forming-oligonucleotides" Anti-Cancer Drug Design (1991) 6:569-584.
10. ✓ Izant, "Chimeric antisense RNAs" Gene Regulation: Biology of Antisense RNA and DNA (1992) Erickson, R.P. et al., eds., Raven Press, New York, pp. 183-195.
11. ✓ Jennings et al., "Inhibition of SV40 replicon function by engineered antisense RNA transcribed by RNA polymerase III" EMBO J. (1987) 6:3043-3047.
12. ✓ Junker et al., "Reduction in replication of the human immunodeficiency virus type 1 in human cell lines by polymerase III-driven transcription of chimeric tRNA-antisense RNA genes" Antisense Res. & Develop. (1994) 4:165-172.
13. ✓ Kunkel et al., "U6 small nuclear RNA is transcribed by RNA polymerase III" Proc. Natl. Acad. USA (1986) 83:8575-8579.

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14. ✓ Kunkel et al., "Transcription of a human U6 small nuclear RNA gene *in vivo* withstands deletion of intragenic sequences but not of an upstream TATA box" Nucleic Acids Res. (1989) 17:7371-7379.

15. ✓ Marshallsay et al., "Characterization of the U3 and U6 snRNA genes from wheat: U3snRNA genes in monocot plants are transcribed by RNA polymerase III" Plant Mol. Biol. (1992) 19:973-983.

16. ✓ Moffat , "Making sense of antisense" Science (1991) 253:510-511.

17. ✓ Murphy et al., "The *in vitro* transcription of the 7SK RNA gene by RNA polymerase III is dependent only on the presence of an upstream promoter" Cell (1987) 51:81-87.

18. ✓ Noonberg et al., "Detection of triplex-forming RNA oligonucleotides by triplex blotting" BioTechniques (1994) 16:1070-1072.

19. ✓ Noonberg et al., "*In vivo* generation of highly abundant sequence-specific oligonucleotides for antisense and triplex gene regulation" Nucleic Acids Res. (1994) 22:2830-2836.

20. ✓ Sullenger et al., "Expression of chimeric tRNA-driven antisense transcripts renders NIH 3T3 cells highly resistant to Moloney murine leukemia virus replication" Mol. & Cell. Biol. (1990) 10:6512-6523.

21. ✓ Terns et al., "Multiple cis-acting signals for export of pre-U1 snRNA from the nucleus" Genes & Development (1993) 7:1898-1908.

22. ✓ Williard et al., "Paradoxical production of target protein using antisense RNA expression vectors" Gene (1994) 149:21-24.

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23. ✓ Willis, "RNA polymerase III. Genes, factors and transcriptional specificity" Eur. J. Biochem. (1993) 212:1-11.

24. ✓ Yuan et al., "5' flanking sequences of human MRP/7-2 RNA gene are required and sufficient for the transcription by RNA polymerase III" Biochim. Biophys. Acta (1991) 1089:33-39.

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